

INTERNATIONAL SEARCH REPORT

Intern. Application No

PCT/IB2005/000482

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G01D5/14 G01B7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 677 378 A (TOKURA ET AL) 30 June 1987 (1987-06-30)	1-3, 7, 15-17
Y	column 1, line 33 - column 7, line 4	4-6, 12-14, 18, 19
A		8-11
Y	US 5 237 861 A (SUDA ET AL) 24 August 1993 (1993-08-24)	4-6, 12-14, 18, 19
	column 2, line 16 - column 4, line 17	
Y	US 4 922 198 A (SANDHAGEN ET AL) 1 May 1990 (1990-05-01)	4-6, 12-14, 18, 19
	column 1, line 67 - column 4, line 14	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

1 September 2005

Date of mailing of the international search report

08/09/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 916 825 A (BREYER ET AL) 17 April 1990 (1990-04-17) column 2, line 23 - column 6, line 17 -----	1-19
A	EP 0 182 997 A (DR. JOHANNES HEIDENHAIN GMBH) 4 June 1986 (1986-06-04) page 2, line 20 - page 9, line 17 -----	1-19

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Information on patent family members

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PCT/IB2005/000482

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4677378	A	30-06-1987	JP	61180109 A	12-08-1986
US 5237861	A	24-08-1993	JP	4076863 A	11-03-1992
US 4922198	A	01-05-1990	DE	3902887 A1	24-08-1989
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EP 0182997	A	04-06-1986	DE	3443133 C1	27-02-1986
			AT	41514 T	15-04-1989
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			EP	0182997 A1	04-06-1986